

Creative Construction Conference 2015 (CCC2015)**Preface**

© 2015 Published by Elsevier Ltd. This is an open access article under the CC BY-NC-ND license

(<http://creativecommons.org/licenses/by-nc-nd/4.0/>).

Peer-review under responsibility of the organizing committee of the Creative Construction Conference 2015

Creation is an inspiring endeavor. This is especially true when one creates objects of a size that only a few people can. Cathedrals or skyscrapers, bridges or aqueducts, highways or dams are not only fascinating due to their size but also because they greatly affect the lives of all people in their proximity – for decades or even centuries. The act of Construction is an act of true creation. Growing demand for a “better” built environment – even though the meaning of “better” is often hard to define in this context – requires increasing levels of diverse knowledge. As time progresses, it is getting harder to live up to the ever growing societal expectations: trains begin to compete with the speed of airplanes, buildings are often expected to produce rather than to consume energy, and in the not-so-distant future we will build settlements in outer space, most likely with advanced robotics.

Creative Construction Conferences are organized to provide an annual forum for ambitious researchers and practitioners from around the world who have realized that the construction industry is rapidly changing and who accept that building materials, construction technologies, and project management will quickly and creatively evolve in the future.

The 4th Creative Construction Conference (CCC2015) was held on 21 – 24 June 2015 in Krakow, the former Capital of Poland, taking advantage of this charming and vibrant Central European city, home to leading international construction firms and leading academic institutions. Academics from 40 countries and all continents attended CCC2015 organized across six tracks:

- Creative management;
- Creative construction technologies and materials;
- Advanced automation and robotics for construction;
- Creative scheduling;
- Sustainable construction, health and safety;
- Recent advances in Building Information Modeling, visualization and virtual reality.

Original papers have been published in the CCC2015 proceedings, selected and extended versions of these papers are now being published in this issue of Procedia Engineering.

We are grateful to all the authors, speakers, poster presenters, members of the International Advisory Board, of the Organizing and Scientific Committees, reviewers, and to the session chairs for contributing to the success of

CCC2015. Their invaluable contribution helped us become the largest construction engineering and management conference in Europe.

Prof. Miroslaw Skibniewski

University of Maryland, USA
Chair of International Advisory Board
Chair of International Scientific Committee

Prof. Miklós Hajdu

Szent Istvan University, Hungary
Chair of International Organizing Committee
Co-Chair of International Advisory Board